PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

82161-10P

UHPLC Column, NP Silica, 1.8um, 100A. 4.6mm ID x 100mm Length. Cogent Brand. 1 EA.



Additional Info

Cogent NP Silica™ UHPLC Columns are designed for high-efficiency analytical separations using modern UHPLC and UPLC-type systems. Manufactured from ultra-high purity, low metal content, 100Å silica that remains completely unmodified, this stationary phase provides the native silica selectivity required for HILIC and Normal Phase chromatography. Equivalent to USP L3 silica chemistry, it is an excellent choice for developing new UHPLC methods and for transferring or optimizing established USP methods that specify L3 stationary phases.

82161-10P is packed with 1.8 µm NP Silica™ particles in a 4.6 mm ID x 100 mm analytical UHPLC column format. The small particle size produces exceptionally high efficiency, increased peak capacity, and enhanced chromatographic resolution compared to larger particle columns. The 100 mm length provides additional resolving power while maintaining the speed advantages associated with UHPLC technology, making it an excellent choice for demanding analytical separations and method development applications.

This column is especially well suited for HILIC separations of polar and hydrophilic compounds. The unmodified silica surface provides strong rete...

MicroSolv Technology Corporation
9158 Industrial Blvd. NE, Leland, NC 28451
tel. (732) 380-8900, fax (910) 769-9435
Email: info@mtc-usa.com
Website: www.mtc-usa.com